

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number:

10/532,264

Source:

PCT

Date Processed by STIC:

4-29-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 04/29/2005

PATENT APPLICATION: US/10/532,264

TIME: 16:38:17

Input Set : A:\082368-004000US.txt

Output Set: N:\CRF4\04292005\J532264.raw

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4 <110> APPLICANT: Nakagawa, Yasuko
5      Ono, Yuichi
6      Sakamoto, Yoshimasa
7      Mizuhara, Eri
8      Nakatani, Tomoya
9      Takai, Yoshimi
11 <120> TITLE OF INVENTION: GENE SPECIFICALLY EXPRESSED IN
12      POSTMITOTIC DOPAMINERGIC NEURON PRECURSOR CELLS
15 <130> FILE REFERENCE: 082368-004000us
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/532,264
C--> 17 <141> CURRENT FILING DATE: 2005-04-21
17 <150> PRIOR APPLICATION NUMBER: PCT/JP03/13420
18 <151> PRIOR FILING DATE: 2003-10-21
20 <150> PRIOR APPLICATION NUMBER: JP 2002-307573
21 <151> PRIOR FILING DATE: 2002-10-22
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28 <211> LENGTH: 2876
29 <212> TYPE: DNA
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108 aggtgactg tgaacgcacc ccctgtagt acagccctgc aacctgcacc agcctttctg 1200
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128 <210> SEQ ID NO: 3

129 <211> LENGTH: 700

130 <212> TYPE: PRT

131 <213> ORGANISM: Mus musculus

133 <400> SEQUENCE: 3

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136 Ala Gly Ser Ser Pro His Phe Leu Gln Gln Pro Glu Asp Met Val Val
137 20 25 30
138 Leu Leu Gly Glu Glu Ala Arg Leu Pro Cys Ala Leu Gly Ala Tyr Arg
139 35 40 45
140 Gly Leu Val Gln Trp Thr Lys Asp Gly Leu Ala Leu Gly Gly Glu Arg
141 50 55 60
142 Asp Leu Pro Gly Trp Ser Arg Tyr Trp Ile Ser Gly Asn Ser Ala Ser
143 65 70 75 80
144 Gly Gln His Asp Leu His Ile Lys Pro Val Glu Leu Glu Asp Glu Ala
145 85 90 95
146 Ser Tyr Glu Cys Gln Ala Ser Gln Ala Gly Leu Arg Ser Arg Pro Ala
147 100 105 110
148 Gln Leu His Val Met Val Pro Pro Glu Ala Pro Gln Val Leu Gly Gly
149 115 120 125
150 Pro Ser Val Ser Leu Val Ala Gly Val Pro Gly Asn Leu Thr Cys Arg
151 130 135 140
152 Ser Arg Gly Asp Ser Arg Pro Ala Pro Glu Leu Leu Trp Phe Arg Asp
153 145 150 155 160
154 Gly Ile Arg Leu Asp Ala Ser Ser Phe His Gln Thr Thr Leu Lys Asp
155 165 170 175
156 Lys Ala Thr Gly Thr Val Glu Asn Thr Leu Phe Leu Thr Pro Ser Ser

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158 His Asp Asp Gly Ala Thr Leu Ile Cys Arg Ala Arg Ser Gln Ala Leu
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160 Pro Thr Gly Arg Asp Thr Ala Val Thr Leu Ser Leu Gln Tyr Pro Pro
161          210          215          220
162 Met Val Thr Leu Ser Ala Glu Pro Gln Thr Val Gln Glu Gly Glu Lys
163 225          230          235          240
164 Val Thr Phe Leu Cys Gln Ala Thr Ala Gln Pro Pro Val Thr Gly Tyr
165          245          250          255
166 Arg Trp Ala Lys Gly Gly Ser Pro Val Leu Gly Ala Arg Gly Pro Arg
167          260          265          270
168 Leu Glu Val Val Ala Asp Ala Thr Phe Leu Thr Glu Pro Val Ser Cys
169          275          280          285
170 Glu Val Ser Asn Ala Val Gly Ser Ala Asn Arg Ser Thr Ala Leu Glu
171          290          295          300
172 Val Leu Tyr Gly Pro Ile Leu Gln Ala Lys Pro Lys Ser Val Ser Val
173 305          310          315          320
174 Asp Val Gly Lys Asp Ala Ser Phe Ser Cys Val Trp Arg Gly Asn Pro
175          325          330          335
176 Leu Pro Arg Ile Thr Trp Thr Arg Met Gly Gly Ser Gln Val Leu Ser
177          340          345          350
178 Ser Gly Pro Thr Leu Arg Leu Pro Ser Val Ala Leu Glu Asp Ala Gly
179          355          360          365
180 Asp Tyr Val Cys Arg Ala Glu Pro Arg Arg Thr Gly Leu Gly Gly Gly
181          370          375          380
182 Lys Ala Gln Ala Arg Leu Thr Val Asn Ala Pro Pro Val Val Thr Ala
183 385          390          395          400
184 Leu Gln Pro Ala Pro Ala Phe Leu Arg Gly Pro Ala Arg Leu Gln Cys
185          405          410          415
186 Val Val Phe Ala Ser Pro Ala Pro Asp Ser Val Val Trp Ser Trp Asp
187          420          425          430
188 Glu Gly Phe Leu Glu Ala Gly Ser Leu Gly Arg Phe Leu Val Glu Ala
189          435          440          445
190 Phe Pro Ala Pro Glu Val Glu Gly Gly Gln Gly Pro Gly Leu Ile Ser
191          450          455          460
192 Val Leu His Ile Ser Gly Thr Gln Glu Ser Asp Phe Thr Thr Gly Phe
193 465          470          475          480
194 Asn Cys Ser Ala Arg Asn Arg Leu Gly Glu Gly Arg Val Gln Ile His
195          485          490          495
196 Leu Gly Arg Arg Asp Leu Leu Pro Thr Val Arg Ile Val Ala Gly Ala
197          500          505          510
198 Ala Ser Ala Ala Thr Ser Leu Leu Met Val Ile Thr Gly Val Val Leu
199          515          520          525
200 Cys Cys Trp Arg His Gly Ser Leu Ser Lys Gln Lys Asn Leu Val Arg
201          530          535          540
202 Ile Pro Gly Ser Ser Glu Gly Ser Ser Ser Arg Gly Pro Glu Glu Glu
203 545          550          555          560
204 Thr Gly Ser Ser Glu Asp Arg Gly Pro Ile Val His Thr Asp His Ser
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206 Asp Leu Val Leu Glu Glu Lys Glu Ala Leu Glu Thr Lys Asp Pro Thr
207          580          585          590
208 Asn Gly Tyr Tyr Lys Val Arg Gly Val Ser Val Ser Leu Ser Leu Gly
209          595          600          605
210 Glu Ala Pro Gly Gly Gly Leu Phe Leu Pro Pro Pro Ser Pro Ile Gly
211          610          615          620
212 Leu Pro Gly Thr Pro Thr Tyr Tyr Asp Phe Lys Pro His Leu Asp Leu
213 625          630          635          640
214 Val Pro Pro Cys Arg Leu Tyr Arg Ala Arg Ala Gly Tyr Leu Thr Thr
215          645          650          655
216 Pro His Pro Arg Ala Phe Thr Ser Tyr Met Lys Pro Thr Ser Phe Gly
217          660          665          670
218 Pro Pro Asp Leu Ser Ser Gly Thr Pro Pro Phe Pro Tyr Ala Thr Leu
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220 Ser Pro Pro Ser His Gln Arg Leu Gln Thr His Val
221          690          695          700
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225 <211> LENGTH: 650
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233          20          25          30
234 His Asp Leu His Ile Lys Pro Val Glu Leu Glu Asp Glu Ala Ser Tyr
235          35          40          45
236 Glu Cys Gln Ala Ser Gln Ala Gly Leu Arg Ser Arg Pro Ala Gln Leu
237          50          55          60
238 His Val Met Val Pro Pro Glu Ala Pro Gln Val Leu Gly Gly Pro Ser
239 65          70          75          80
240 Val Ser Leu Val Ala Gly Val Pro Gly Asn Leu Thr Cys Arg Ser Arg
241          85          90          95
242 Gly Asp Ser Arg Pro Ala Pro Glu Leu Leu Trp Phe Arg Asp Gly Ile
243          100          105          110
244 Arg Leu Asp Ala Ser Ser Phe His Gln Thr Thr Leu Lys Asp Lys Ala
245          115          120          125
246 Thr Gly Thr Val Glu Asn Thr Leu Phe Leu Thr Pro Ser Ser His Asp
247          130          135          140
248 Asp Gly Ala Thr Leu Ile Cys Arg Ala Arg Ser Gln Ala Leu Pro Thr
249 145          150          155          160
250 Gly Arg Asp Thr Ala Val Thr Leu Ser Leu Gln Tyr Pro Pro Met Val
251          165          170          175
252 Thr Leu Ser Ala Glu Pro Gln Thr Val Gln Glu Gly Glu Lys Val Thr
253          180          185          190
254 Phe Leu Cys Gln Ala Thr Ala Gln Pro Pro Val Thr Gly Tyr Arg Trp
255          195          200          205
256 Ala Lys Gly Gly Ser Pro Val Leu Gly Ala Arg Gly Pro Arg Leu Glu
257          210          215          220

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VERIFICATION SUMMARY

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date